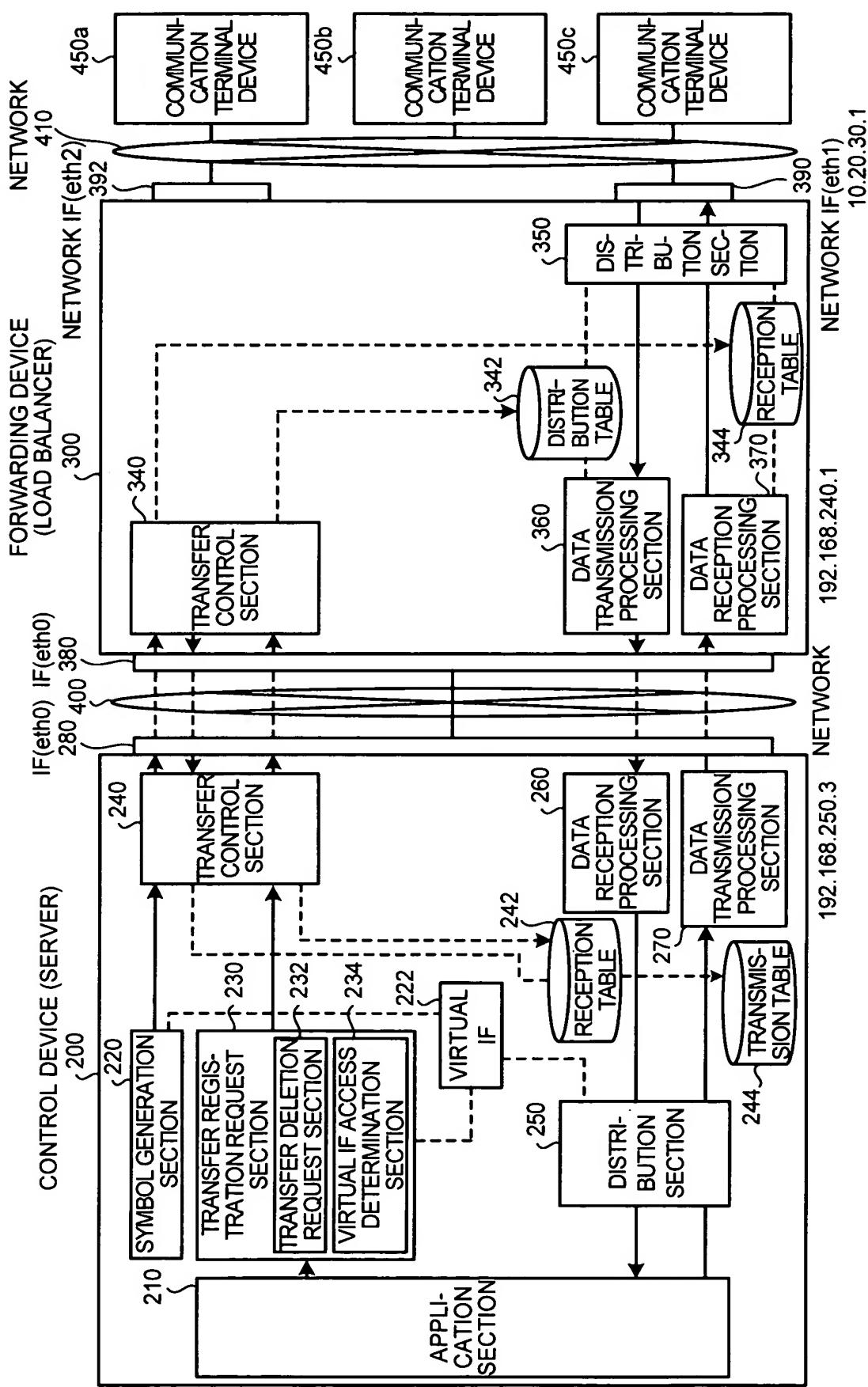


**FIG.1**

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**FIG.2**

CONTROL DEVICE ADDRESS	192.168.250.3
VIRTUAL IF	veth1
ACTUAL IF	eth1

**FIG.3**

REPEATER ADDRESS	192.168.240.1
VIRTUAL IF	veth1
ACTUAL IF	eth1
DOWN TUNNEL ID	250

**FIG.4**

CONTROL DEVICE ADDRESS	192.168.250.3
PROTOCOL ADDRESS	80
VIRTUAL IF	veth1
UP TUNNEL ID	150

**FIG.5**

UP TUNNEL ID	RECEPTION VIRTUAL IF
150	veth1

**FIG.6**

TRANSMISSION VIRTUAL IF	DOWN TUNNEL ID	FORWARDING DEVICE ADDRESS
veth1	250	192.168.240.1

**FIG.7**

RECEPTION IF	PORT NUMBER OF DESTINATION TCP/UDP	UP TUNNEL ID	DESTINATION CONTROL DEVICE ADDRESS
eth1	80	150	192.168.250.3

**FIG.8**

DOWN TUNNEL ID	TRANSMISSION IF
250	eth1

FIG.9

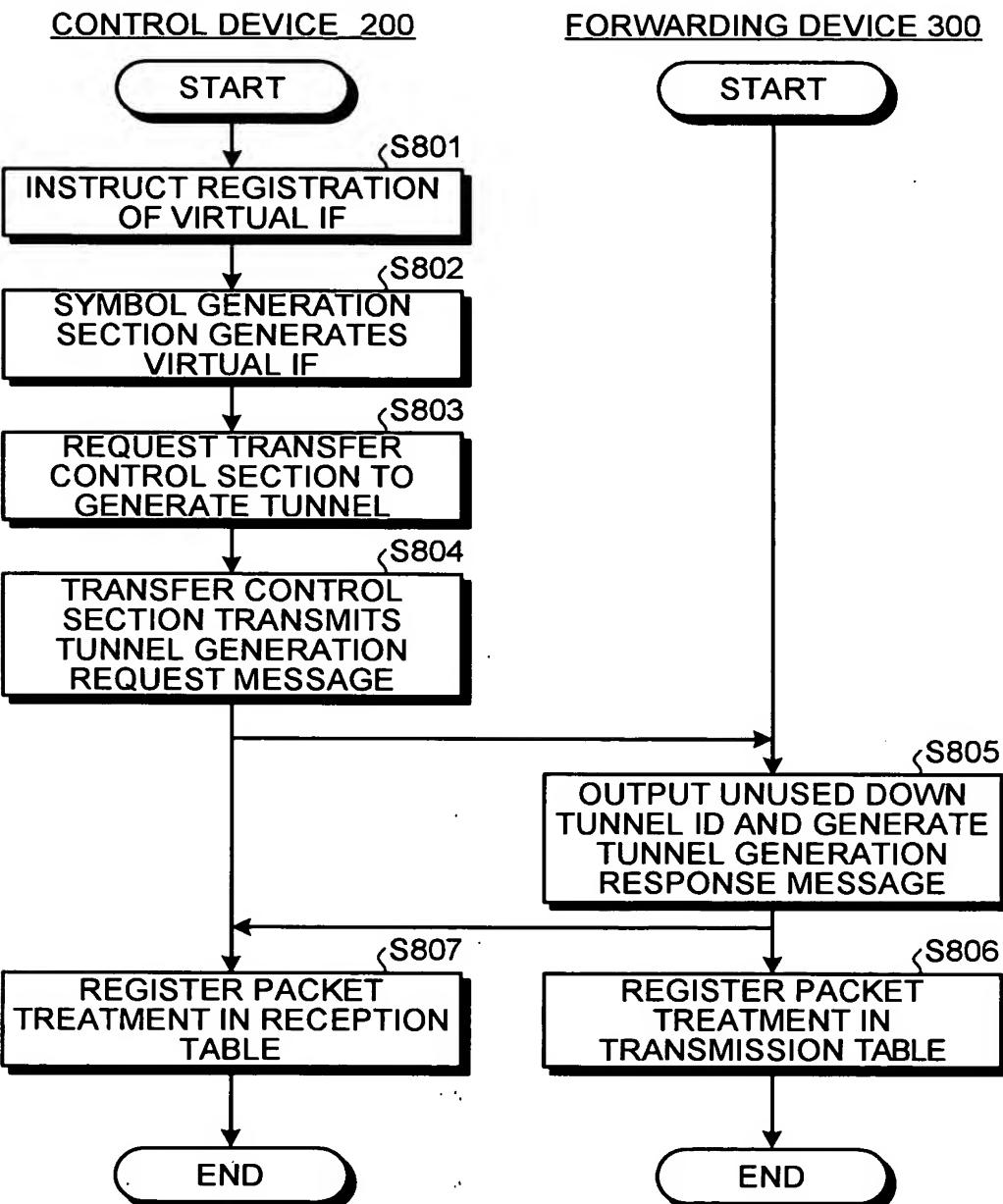


FIG.10

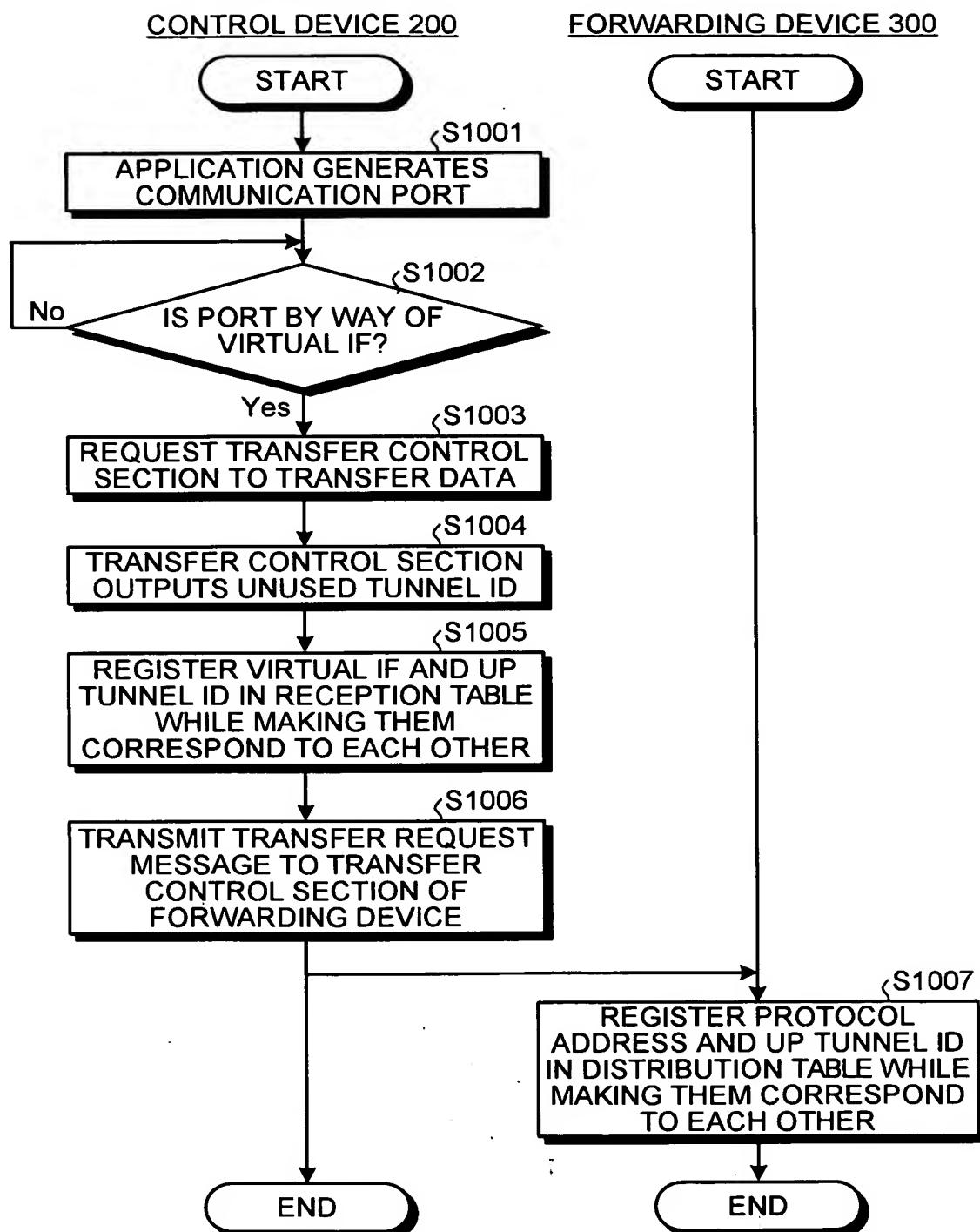


FIG11

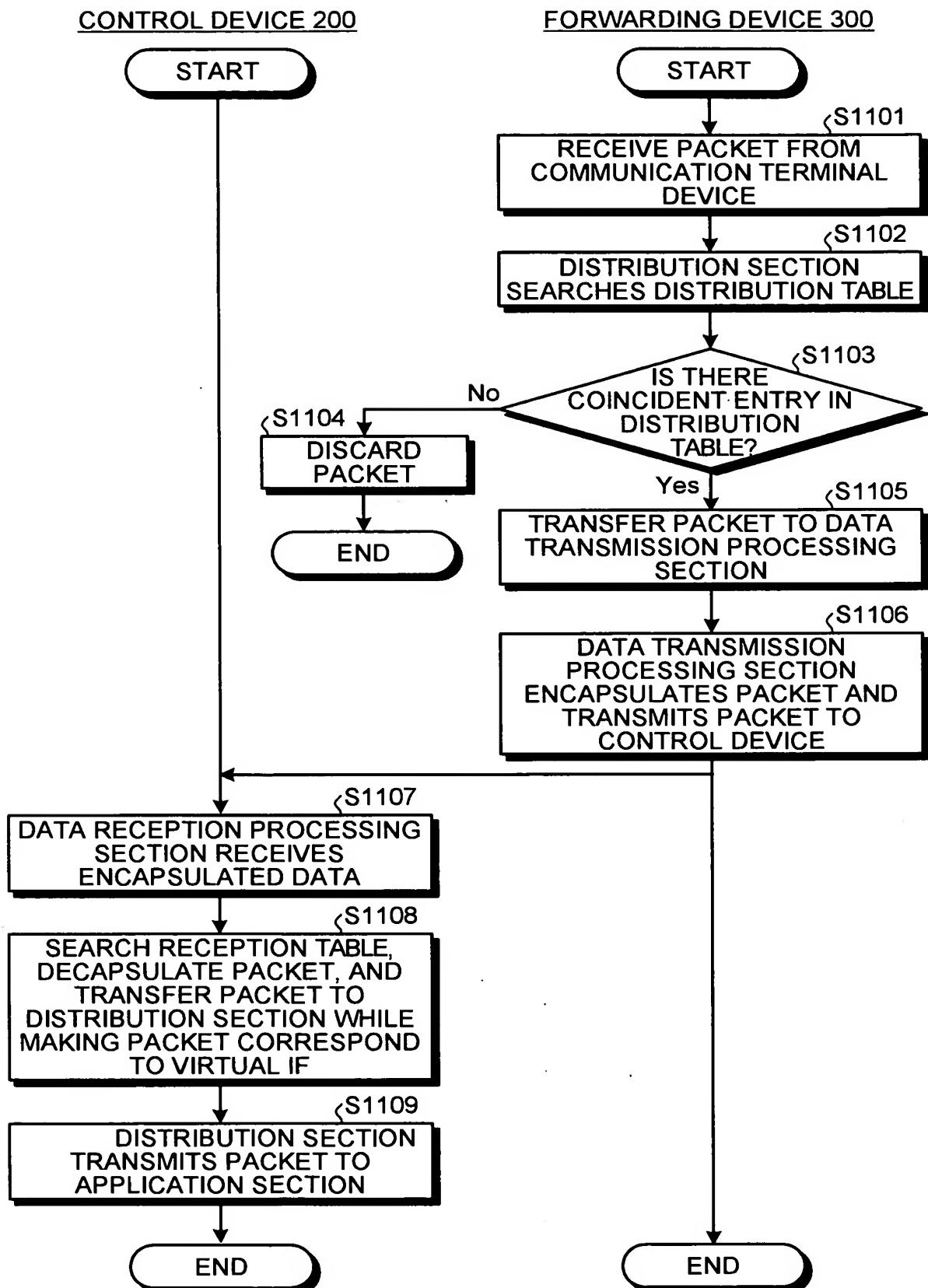
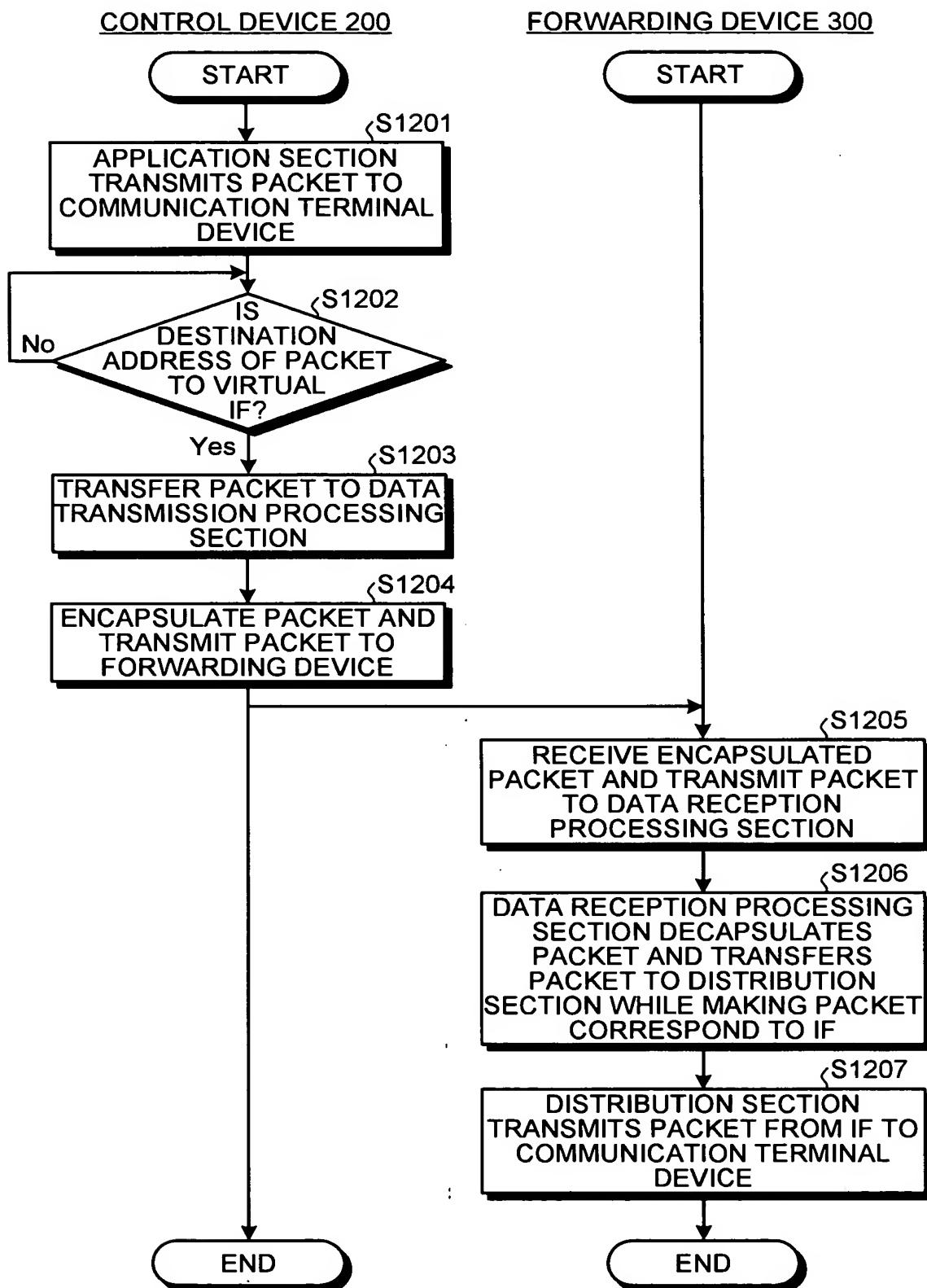
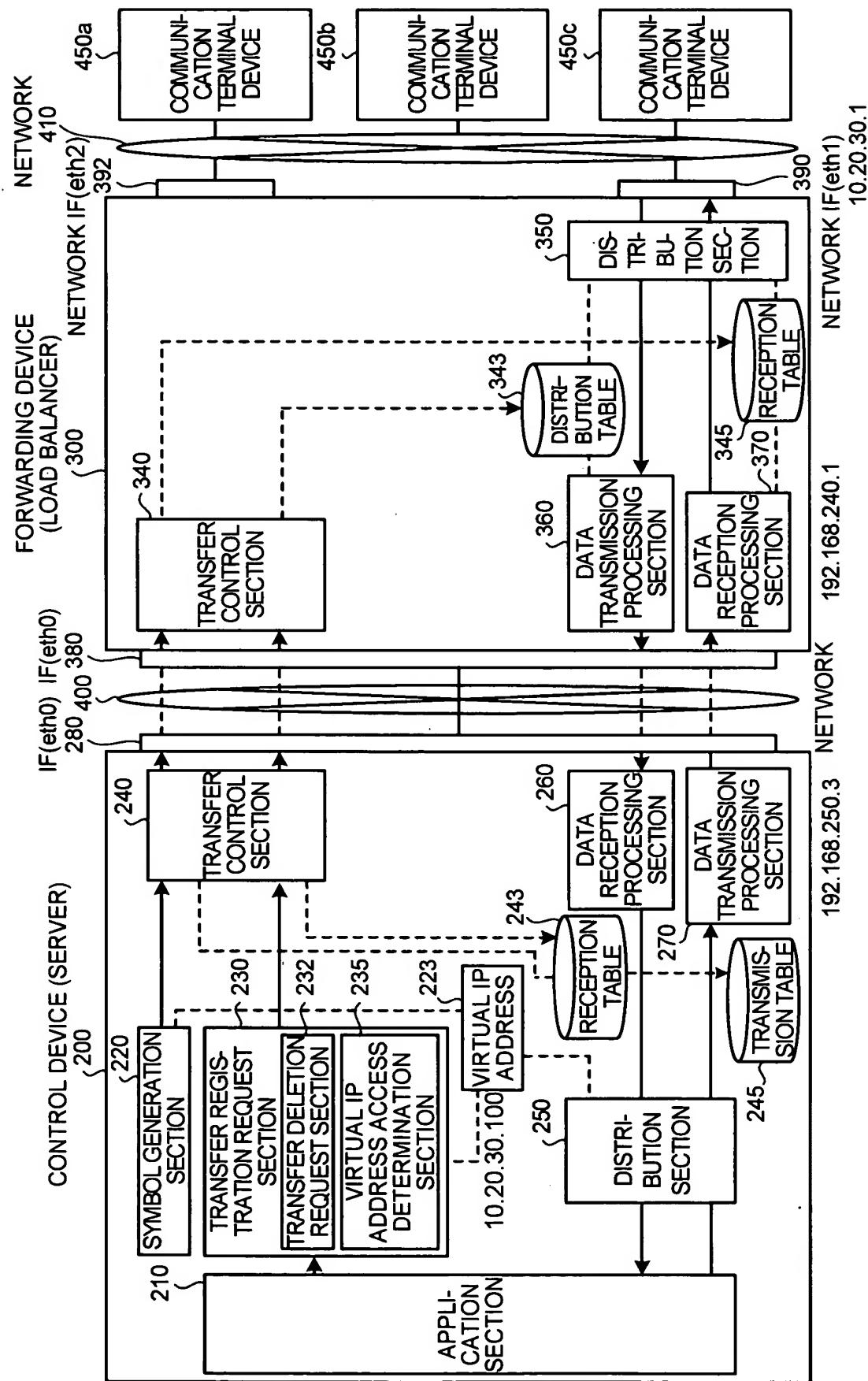


FIG.12



**FIG. 13**

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**FIG.14**

DESTINATION IP ADDRESS	PORT NUMBER OF DESTINATION TCP/UDP	VIRTUAL IP ADDRESS
192.168.250.3	80	10.20.30.100

**FIG.15**

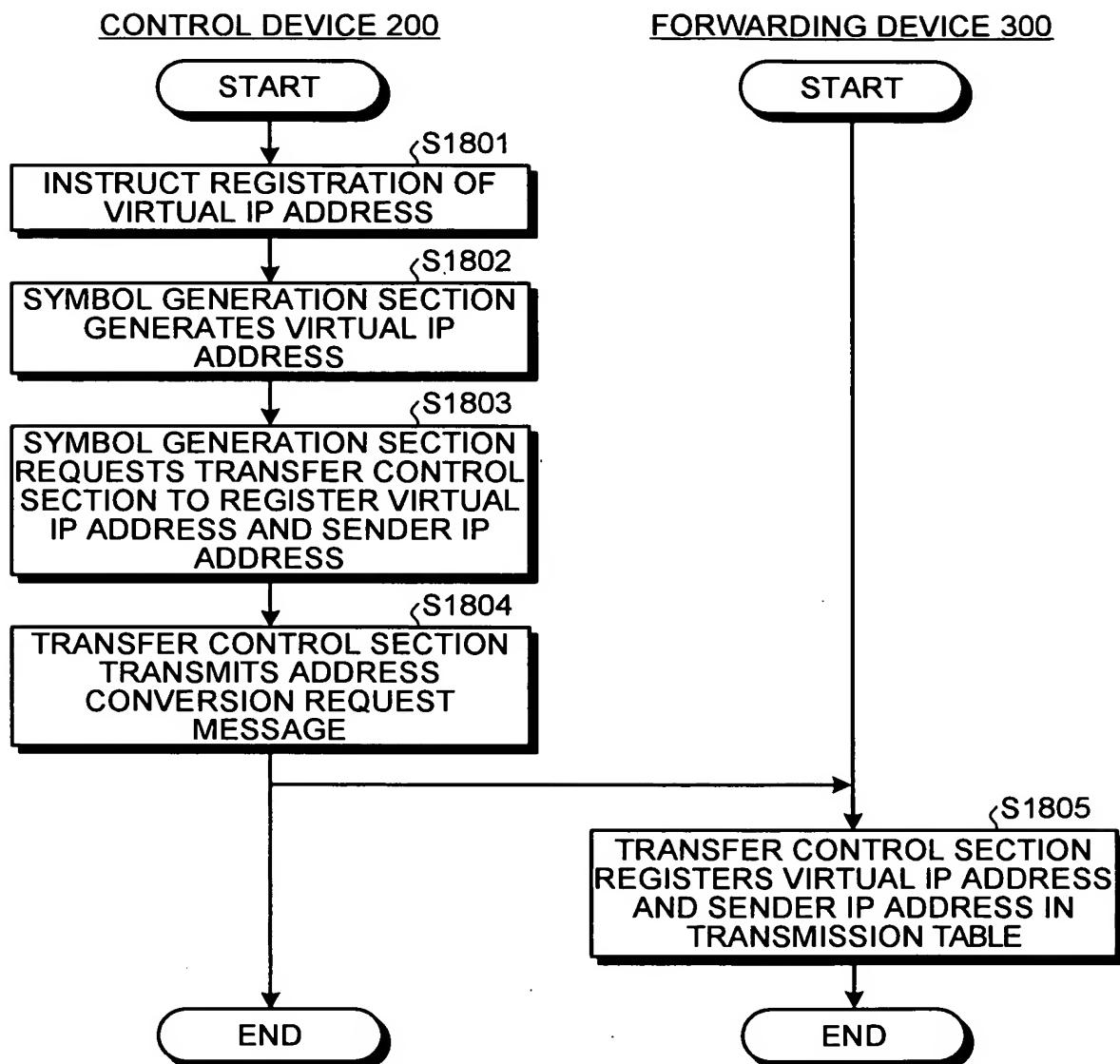
VIRTUAL IP ADDRESS	SENDER IP ADDRESS
10.20.30.100	192.168.250.3

**FIG.16**

PORT NUMBER OF DESTINATION TCP/UDP	TRANSFER DESTINATION CONTROL DEVICE ADDRESS
80	192.168.250.3

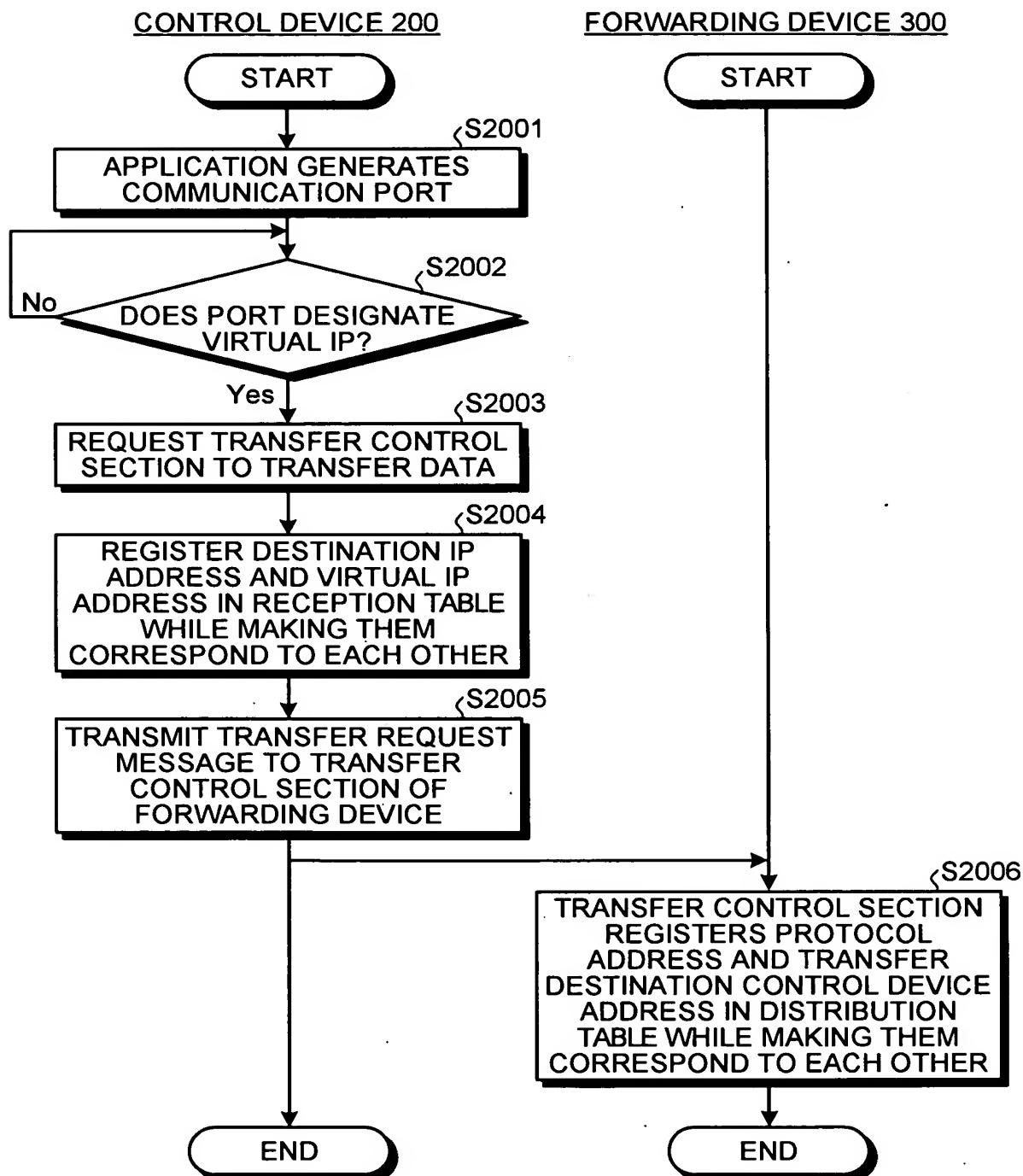
**FIG.17**

SENDER IP ADDRESS	VIRTUAL IP ADDRESS
192.168.250.3	10.25.30.100

**FIG.18****FIG.19**

CONTROL DEVICE ADDRESS	192.168.250.3
VIRTUAL IP ADDRESS	10.25.30.100
SENDER IP ADDRESS	192.168.250.3

FIG.20



## FIG.21

CONTROL DEVICE ADDRESS	192.168.250.3
POR NUMBER OF DESTINATION TCP/UDP	80
VIRTUAL IP ADDRESS	10.25.30.100
RECEPTION IP ADDRESS	192.168.250.3

FIG.22

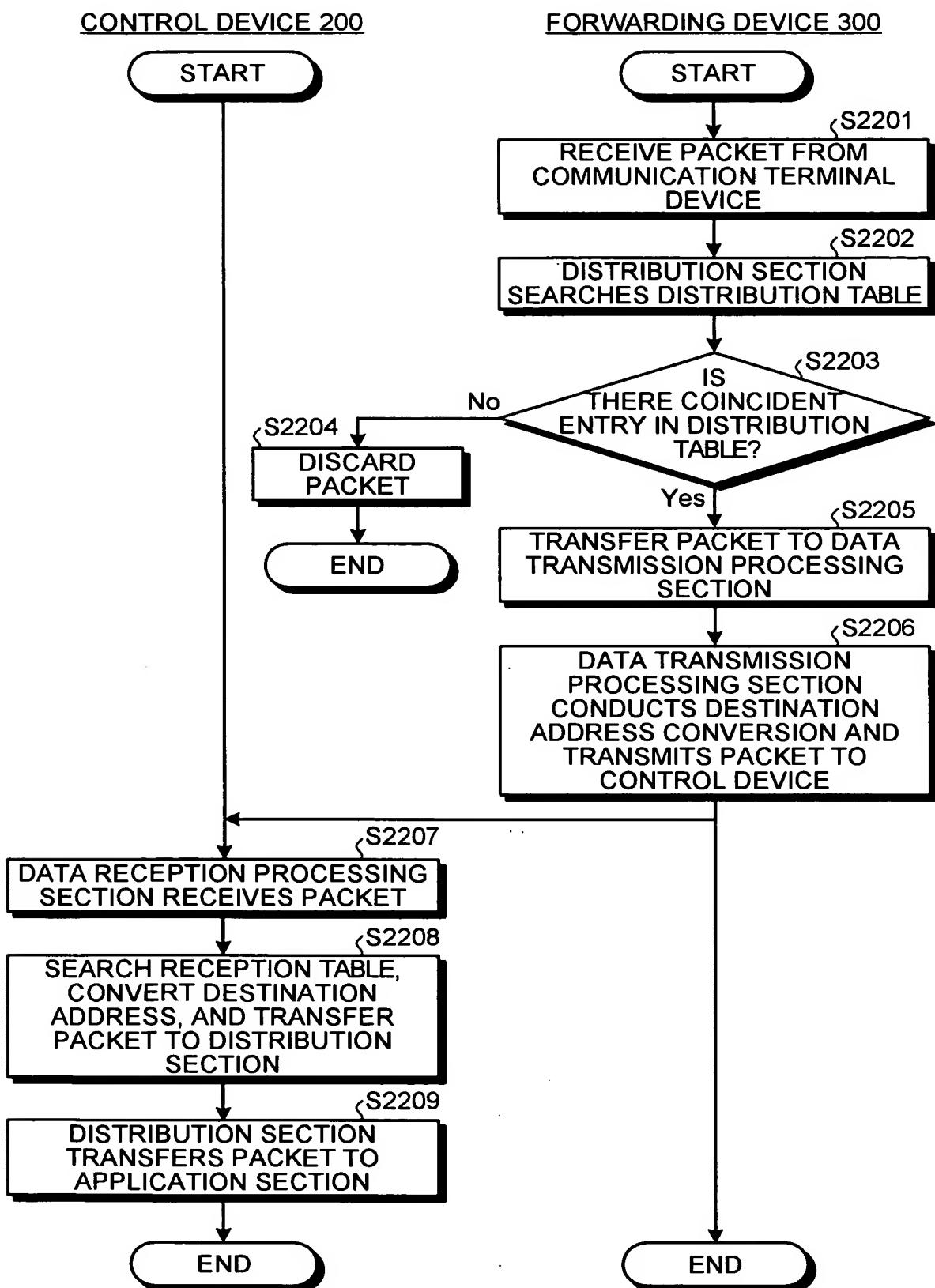
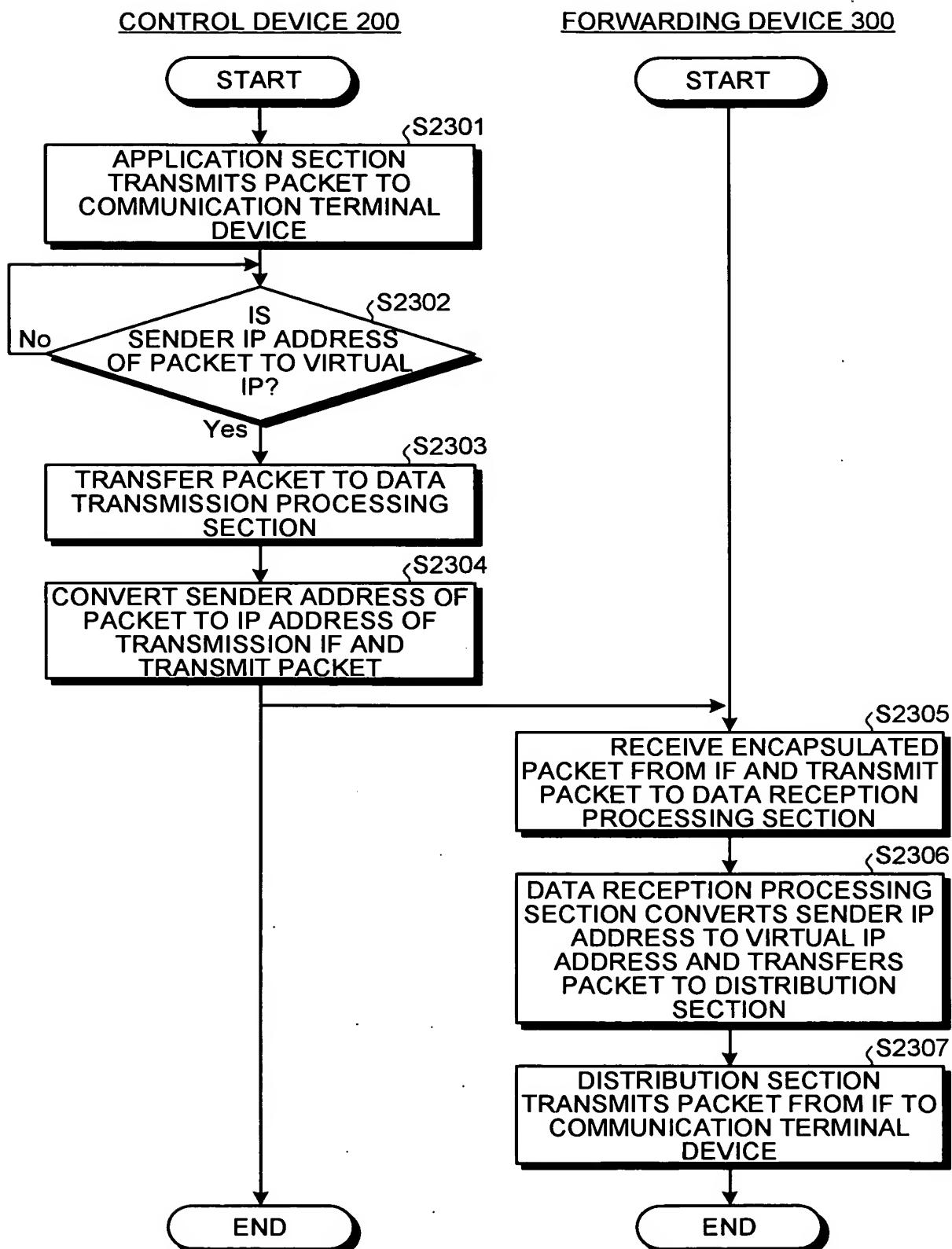


FIG.23



**FIG.24**

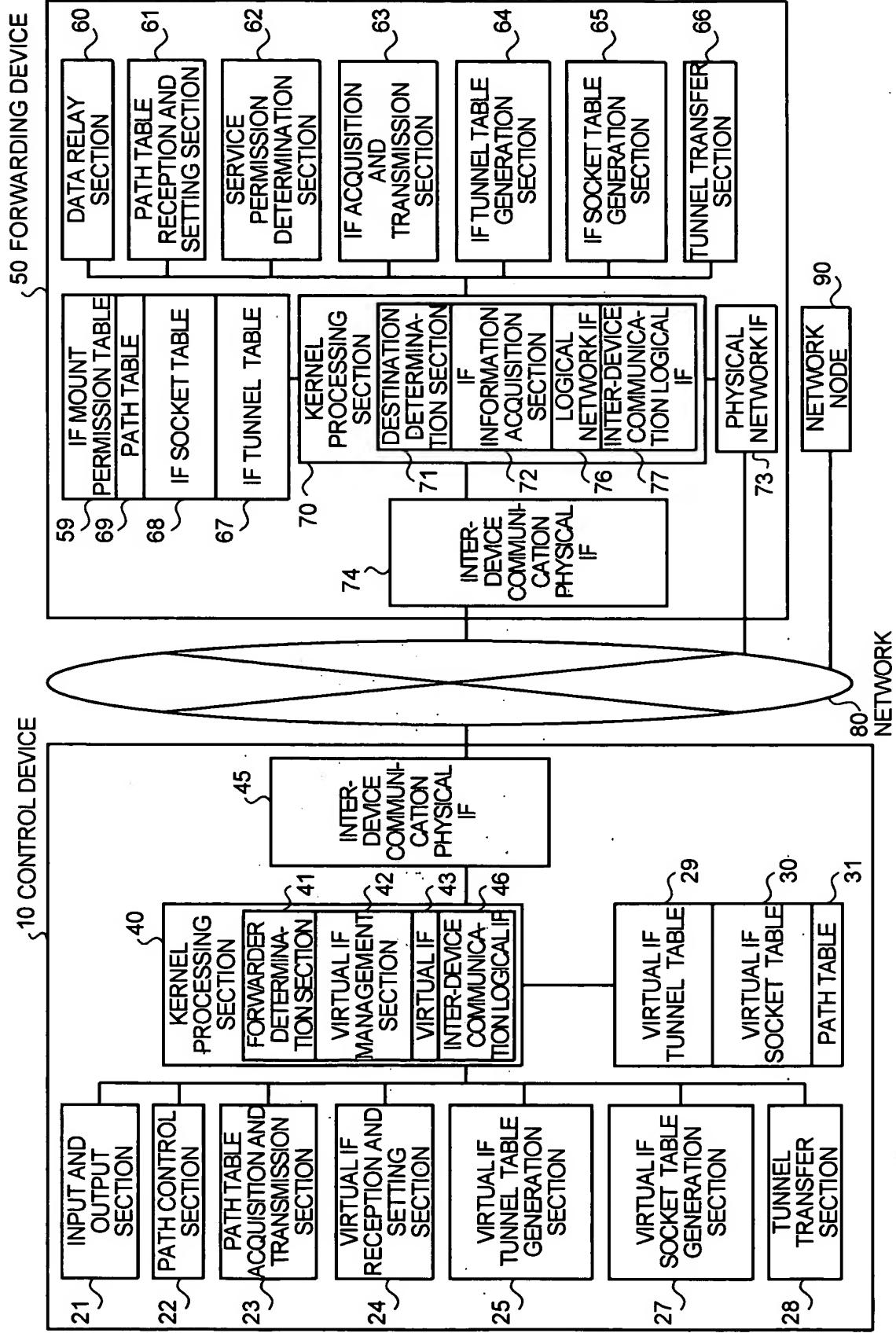
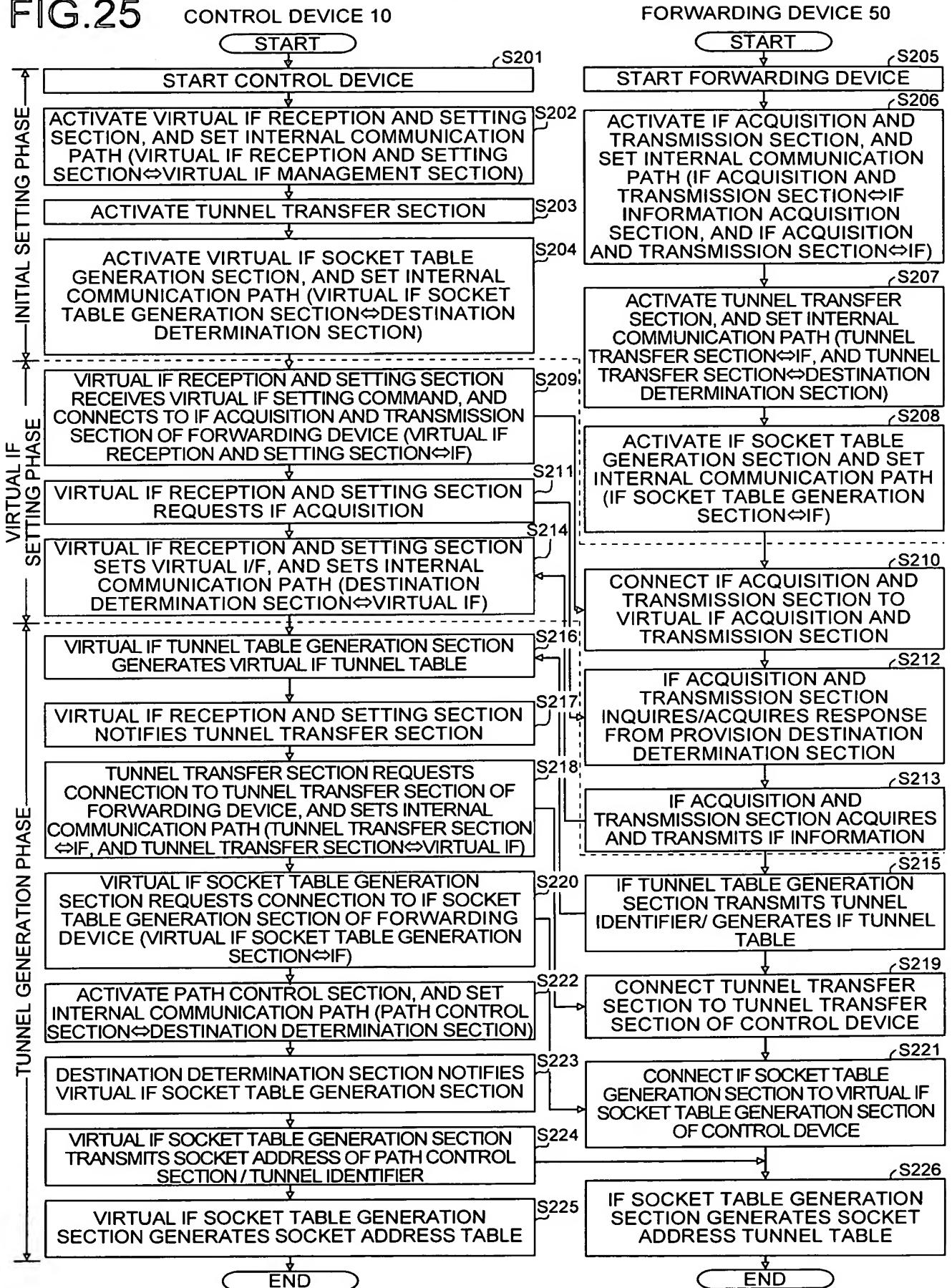


FIG.25



# FIG.26

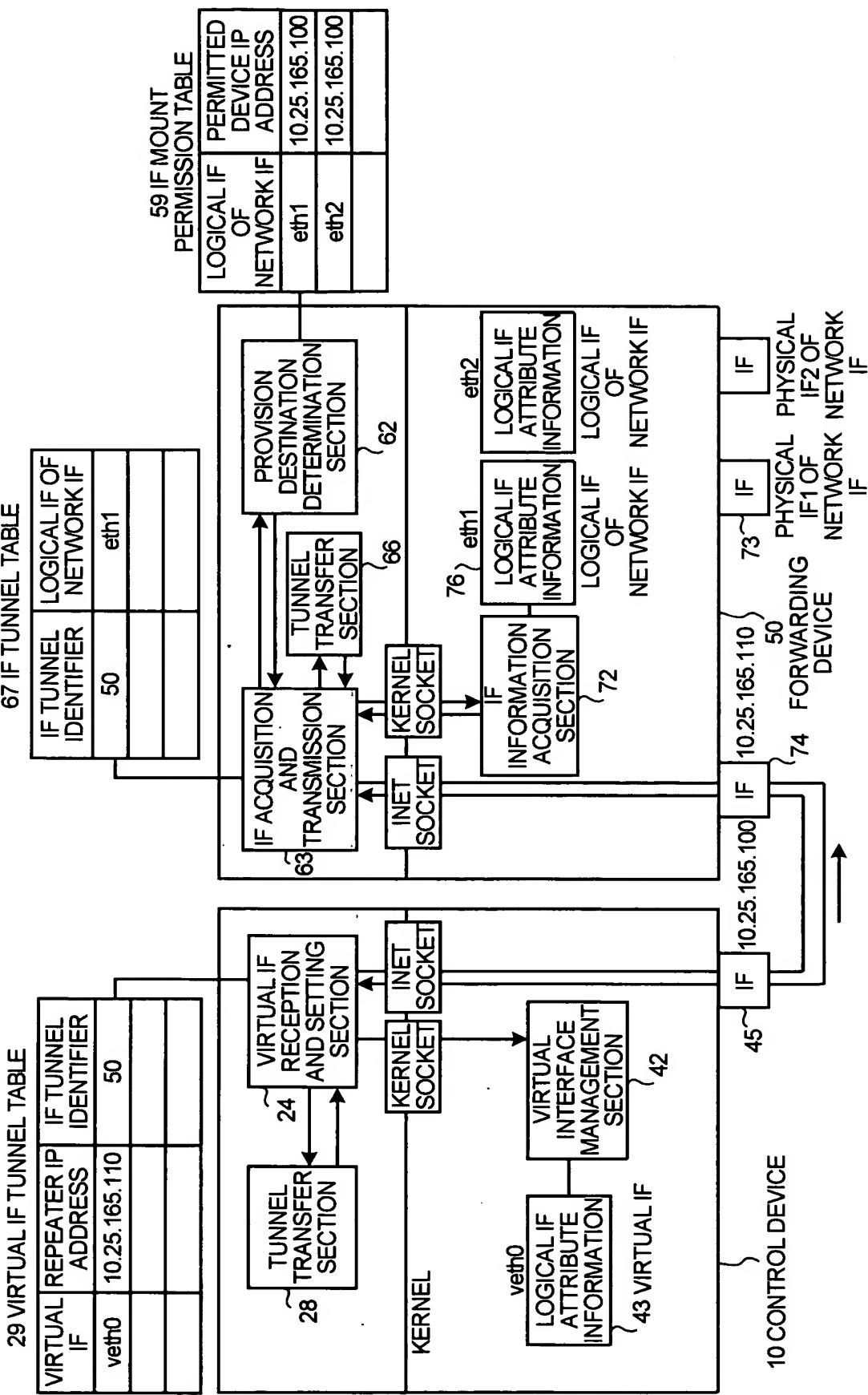
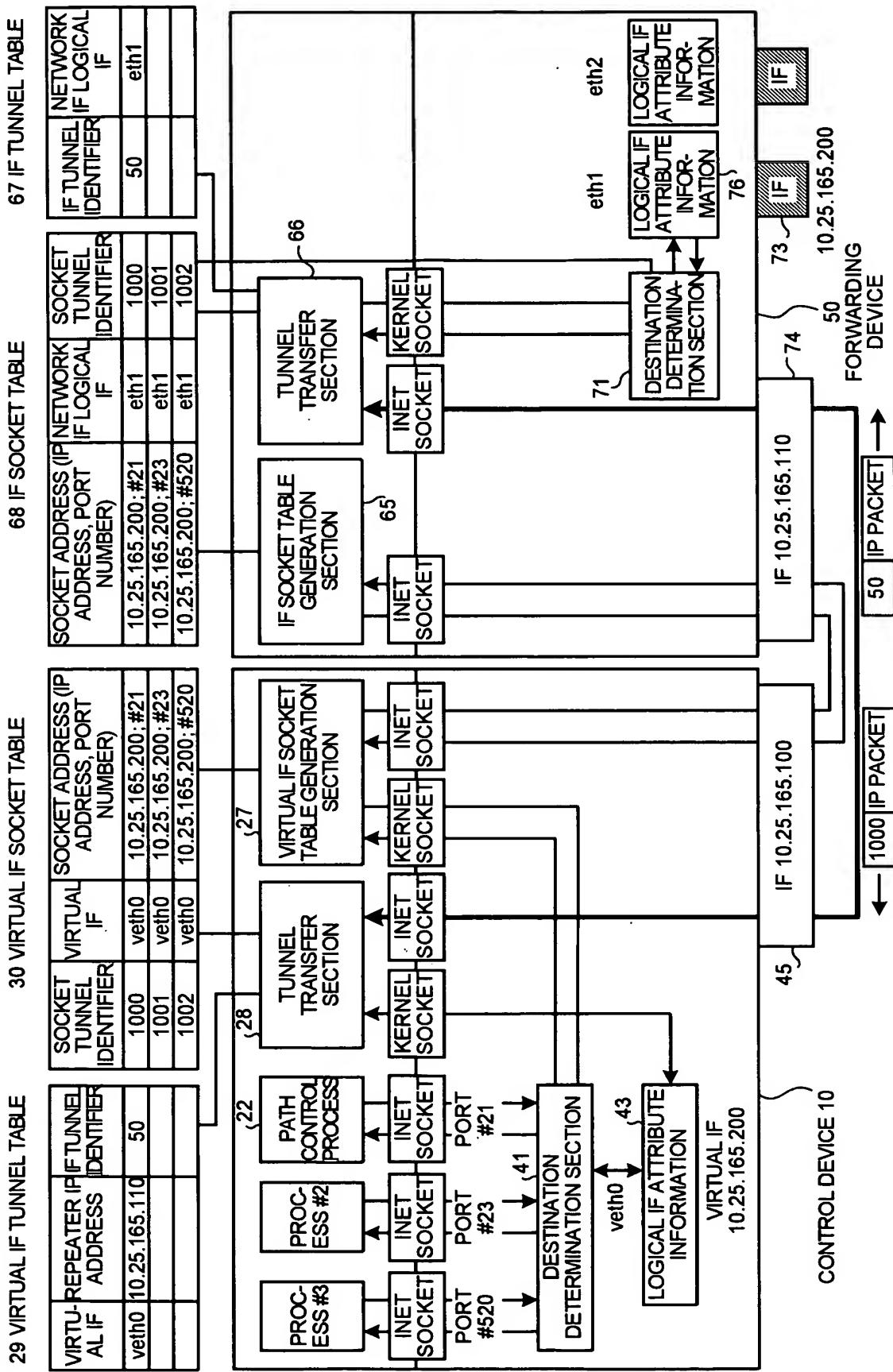


FIG. 27



29 VIRTUAL IF TUNNEL TABLE

VIRTUAL IF	REPEATER TUNNEL IP ADDRESS IDENTIFIER	IF SOCKET ADDRESS (IP ADDRESS, PORT NUMBER)	VIRTUAL IF IDENTIFIER
veth0	10.25.165.110 PID=50	veth0 10.25.165.200:#21	

30 VIRTUAL IF SOCKET TABLE

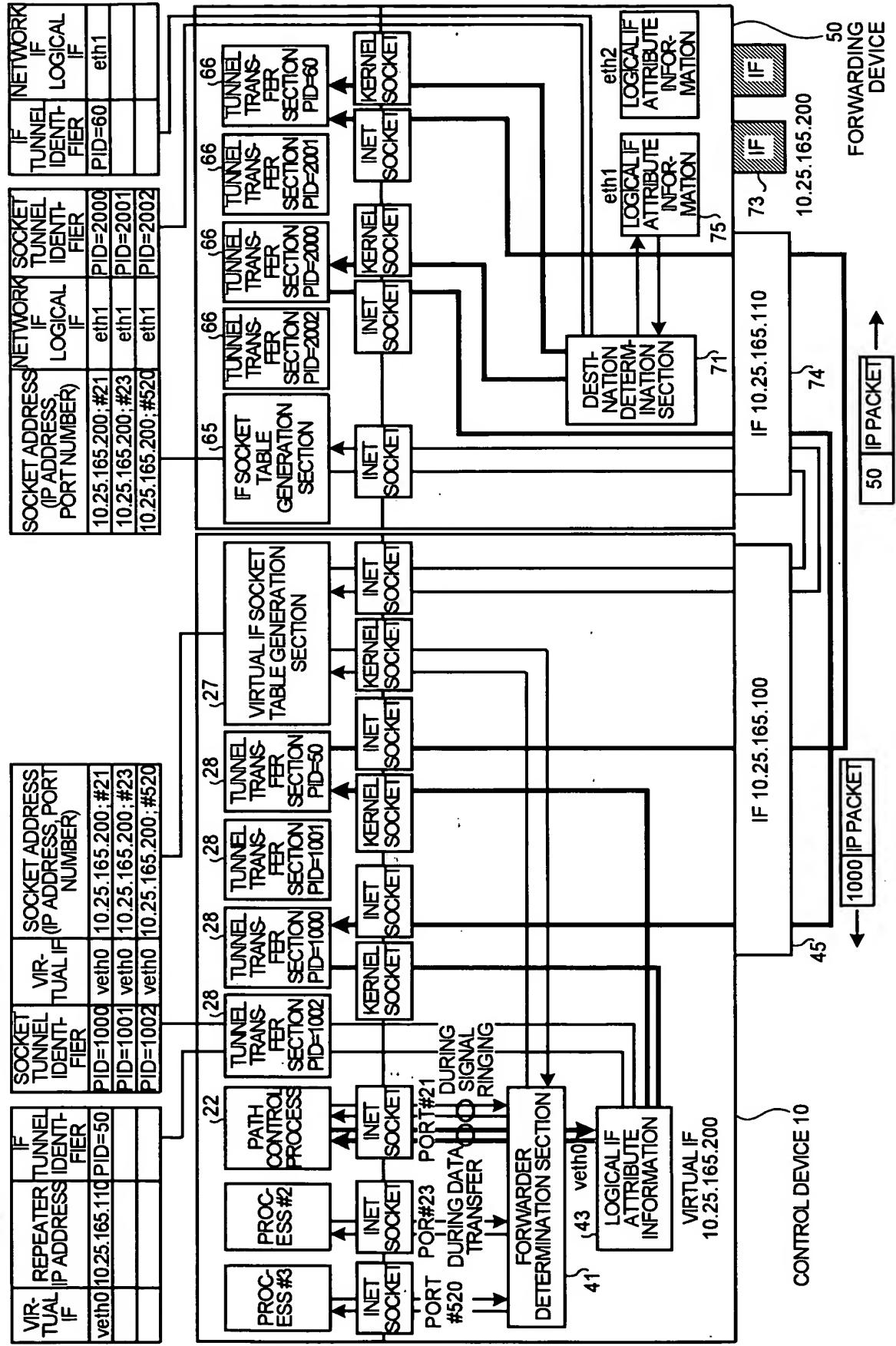


FIG.28

68 IF SOCKET ADDRESS TABLE

SOCKET ADDRESS (IP ADDRESS, PORT NUMBER)	NETWORK SOCKET	TUNNEL IDENTIFIER	IF NETWORK IF	LOGICAL IF
10.25.165.200:#21			eth1	
10.25.165.200:#23			eth1	PID=60
10.25.165.200:#520			eth1	PID=2000

67 IF TUNNEL TABLE LIST

IF	NET	TUNNEL IDENTIFIER	IF	LOGICAL IF
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FIG.29

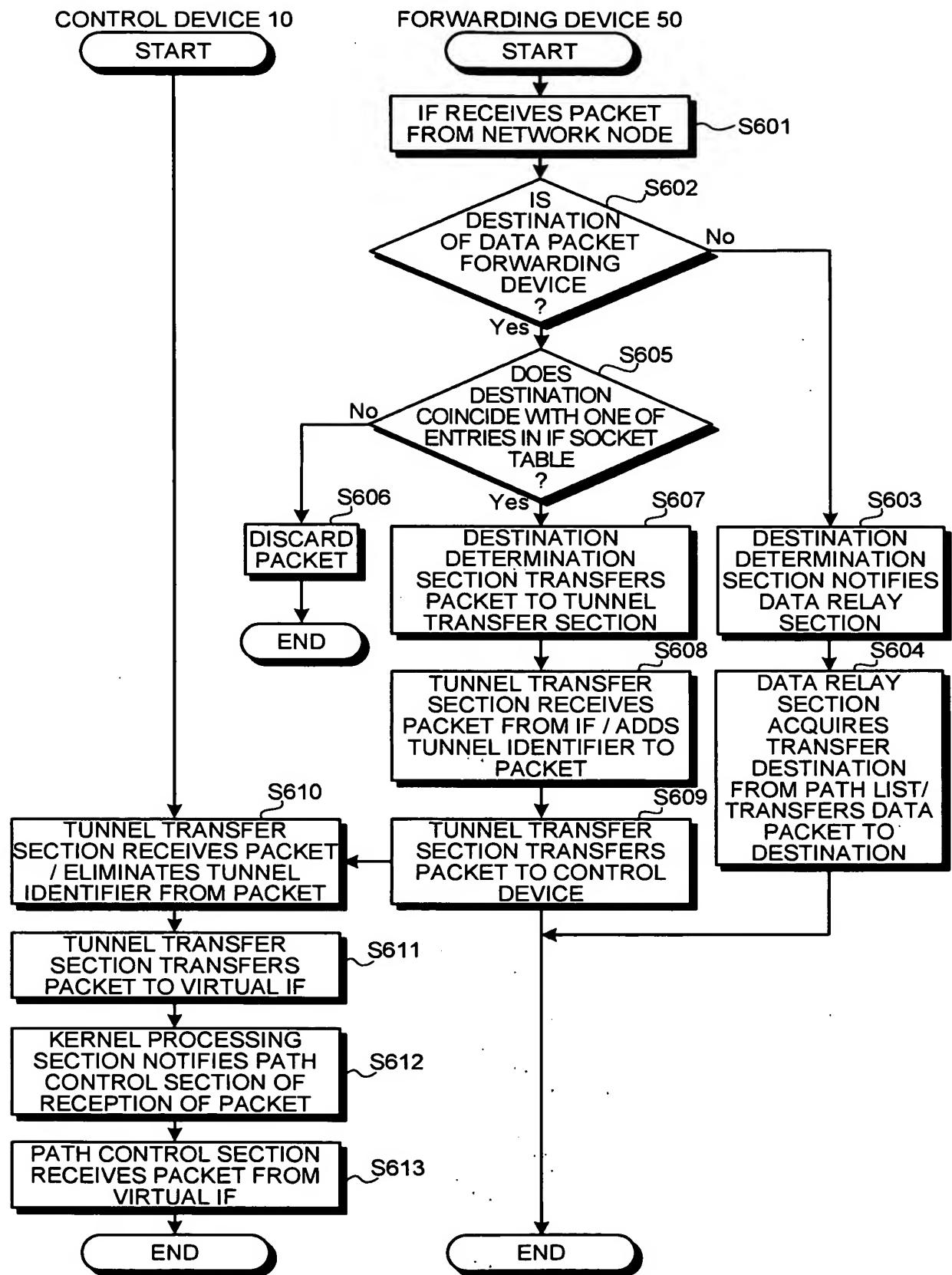


FIG.30

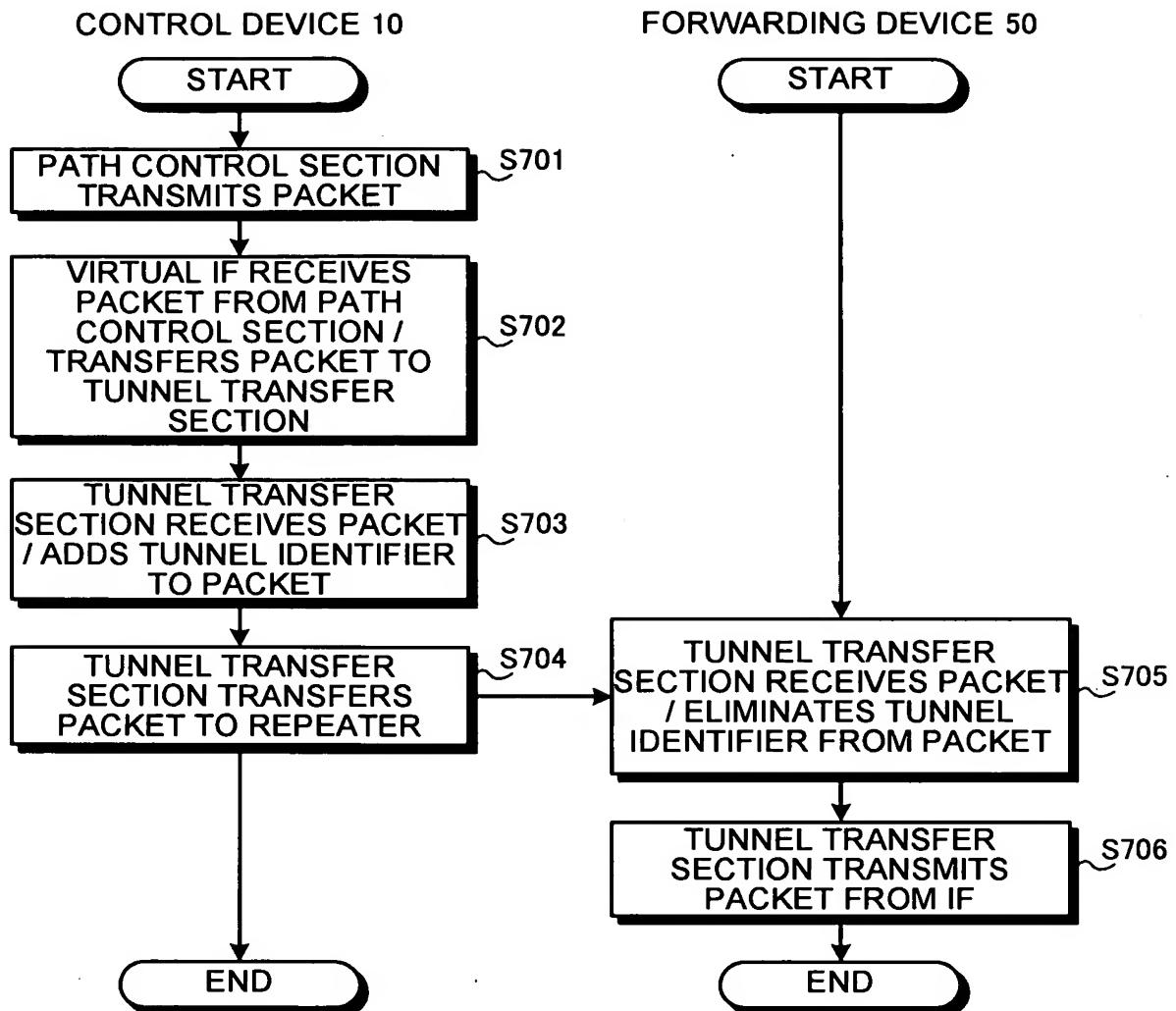


FIG.31

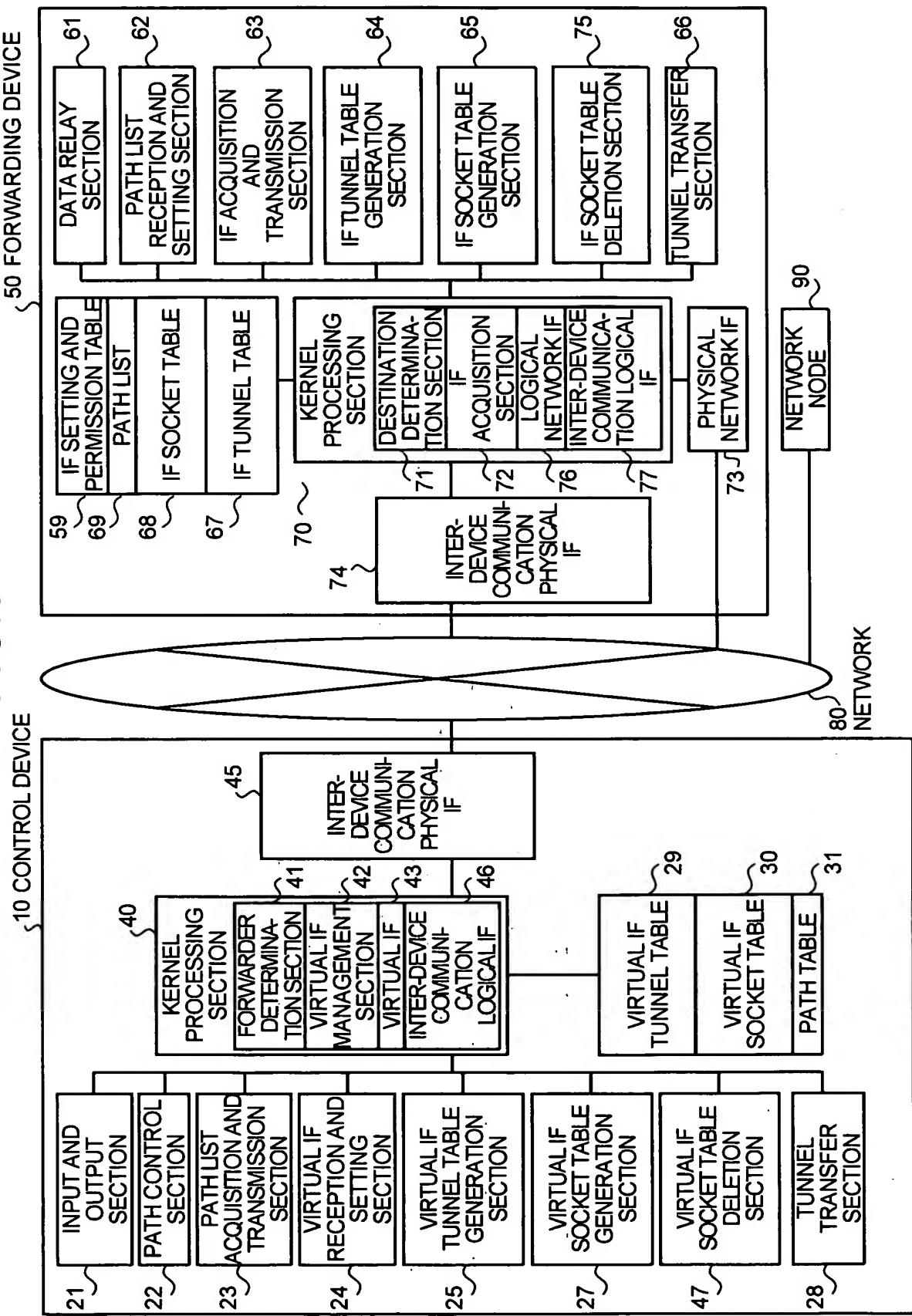


FIG.32

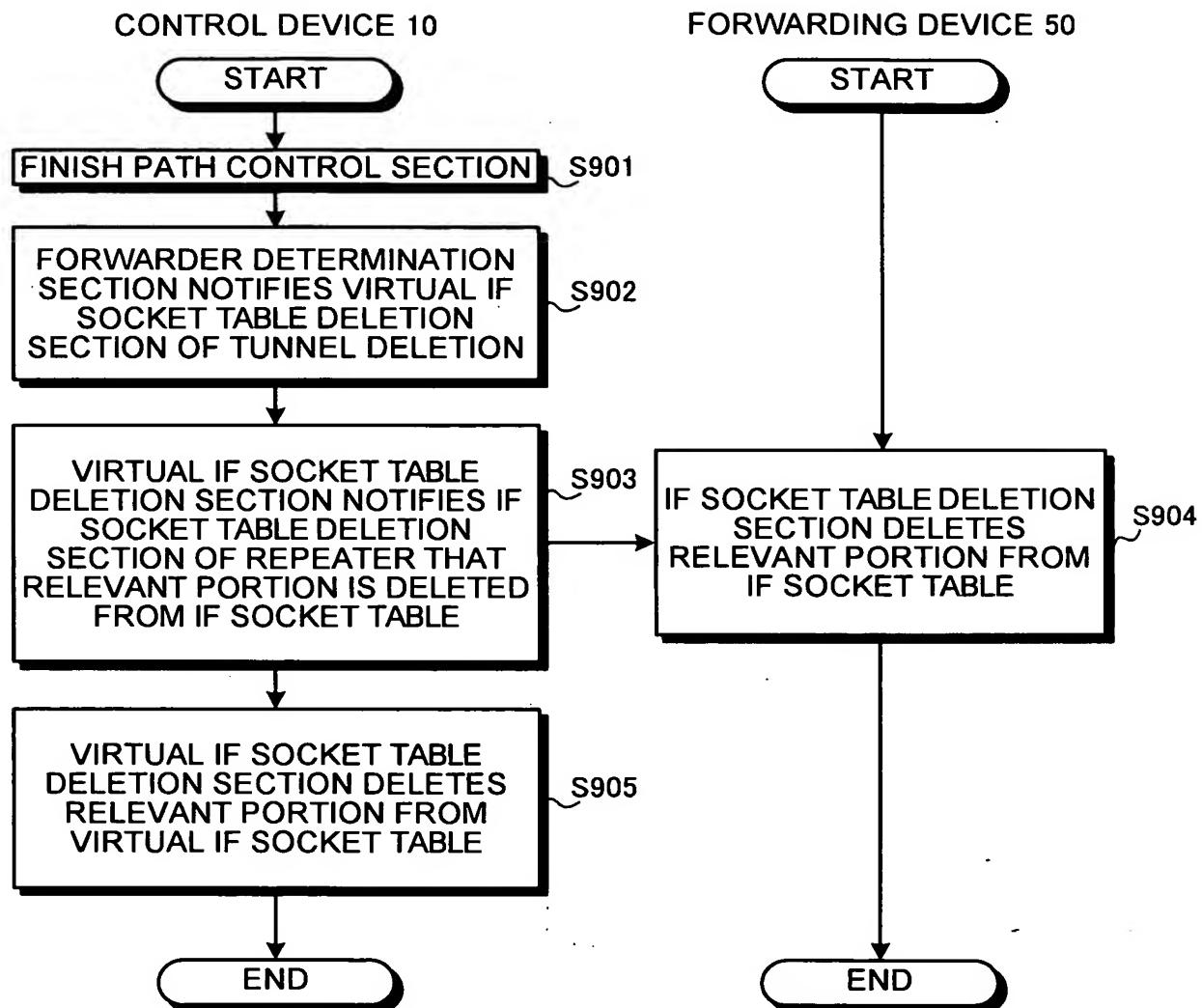


FIG.33

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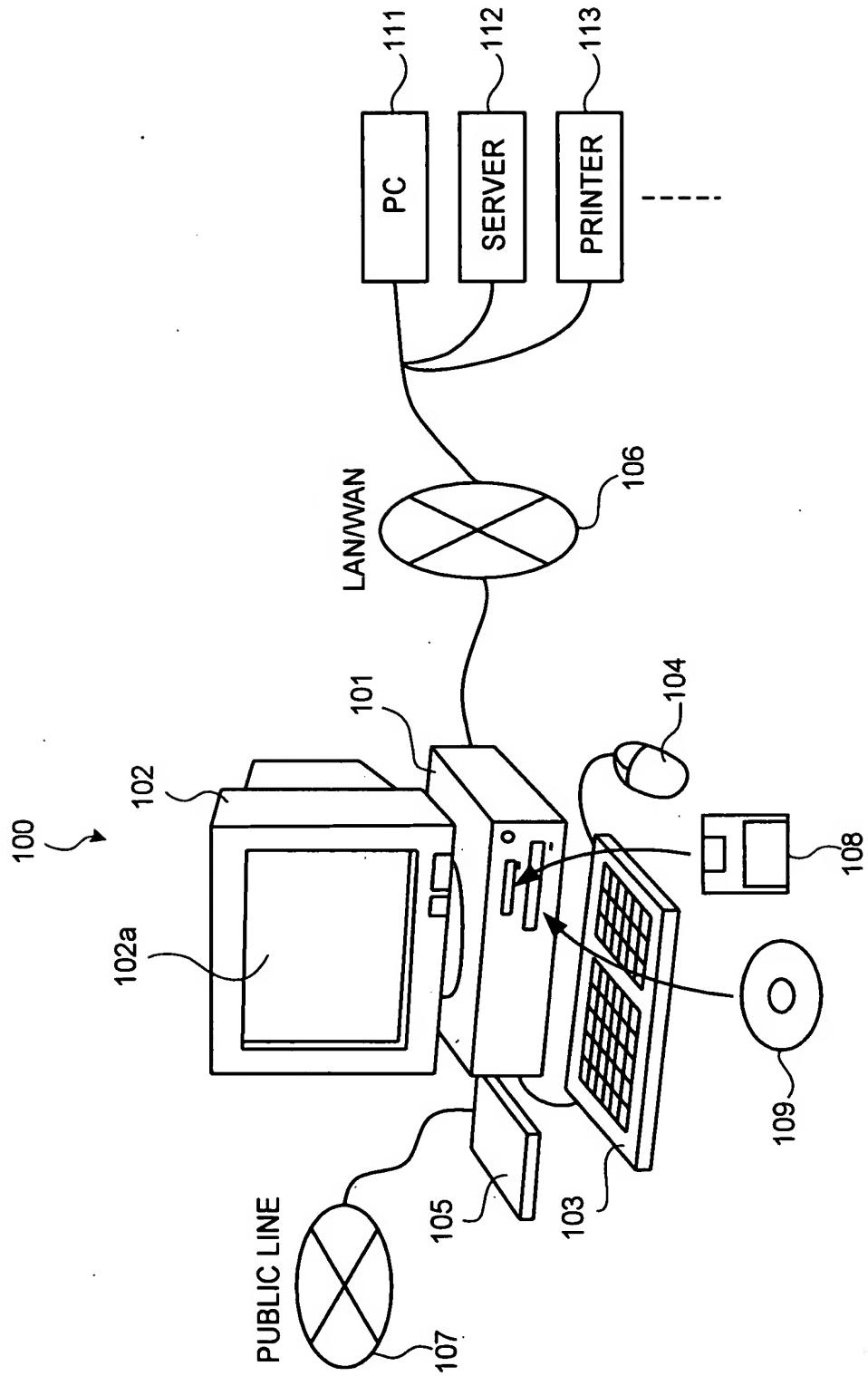


FIG.34

